

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 16	
2. Amendment/Modification No.  P00054		3. Effective Date  2007JUN07		4. Requisition/Purchase Req No.  SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By U.S. ARMY TACOM LCMC AMSTA-AQ-ADEB DAMON J. MCNALLY (586)574-8232 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL WEAPON SYSTEM: WPN SYS: 00 EMAIL: DAMON.MCNALLY@US.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA SOUTHERN EUROPE (GERMANY) BOX 775, ATTN: DCMDI-GGD APO, AE 09096		Code SGR18A	
				SCD A PAS NONE ADP PT HQ0339			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)  GENERAL DYNAMICS SANTA BARBARA SISTEMAS GMBH BARBAROSSASTR. 30 KAISERSLAUTERN, DE GERMANY 67655  TYPE BUSINESS: Foreign Concern/Entity				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
						9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. DAAE07-01-C-S089	
						10B. Dated (See Item 13) 2001AUG01	
Code D9913		Facility Code					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) NO CHANGE TO OBLIGATION DATA							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS</b>							
KIND MOD CODE: G It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: The Changes Set Forth In Item 14 Are Made In The Contract/Order No. In Item 10A.							
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input checked="" type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: Mutual Agreement of the Parties							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  SEE SECOND PAGE FOR DESCRIPTION							
Contract Expiration Date: 2008NOV30							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) LAWRENCE R. ELLENA LARRY.ELLENA@US.ARMY.MIL (586)574-6952			
15B. Contractor/Offeror  _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America  By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed  2007JUN07	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

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SECTION A - SUPPLEMENTAL INFORMATION

PROGRAM:
Rapidly Emplaced Bridge System (REBS)

PURPOSE OF MODIFICATION:
Removal of Forward Repair System (FRS) from Government Furnished Property (GFP) Listing, consolidation of multiple Section C narratives into single current narrative, and correction of delivery schedule under Section B subCLIN 5001AA.

PRIOR CONTRACT AMOUNT:
\$ 16,808,597.42

AMOUNT THIS ACTION:
\$ -0-

TOTAL CONTRACT AMOUNT:
\$ 16,808,597.42

The purpose of this bilateral no-cost Modification P00054 is to remove the FRS from Contract Section H GFP, to consolidate multiple Section C Narratives into a single uniform and current narrative for clarity of organization, and to correct the delivery schedule under Section B subCLIN 5001AA. The contract is hereby modified as follows:

- Section B - Supplies or Services and Prices/Costs: The delivery schedule detailed under subCLIN 5001AA is corrected to reflect delivery of 2 REBS units 30SEP08 and 2 units 30OCT08.
- Section C - Description/Specifications/Work Statement: The contents of narratives C0002 through C0008 are consolidated and combined with narrative C0001 to accurately reflect the cuurent contract content as previously modified. Specifically -
  - Paragraph C.3.2 is revised to incorporate the contents of narrative C0005 and narrative C0005 is deleted.
  - Paragraph C.12 is revised to incorporate the contents of narrative C0002 and narrative C0002 is deleted.
  - Paragraph C.17 is copied from narrative C0006 and narrative C0006 is deleted.
  - Paragraph C.18 is copied from narrative C0007 and narrative C0007 is deleted.
  - Paragraph C.19 is added to incorporate the contents of narrative C0003 and narrative C0003 is deleted.
  - Paragraph C.20 is added to incorporate the contents of narrative C0008 and narrative C0008 is deleted.
- Section H - Special Contract Requirements: Paragraph H.7.1 is revised to reflect removal of the GFP described as "1 ea Forward Repair System NSN: 4940-01-463-7940" which has been returned to Government possession.
- As a result of this no-cost modification, the Total Contract Amount of \$16,808,597.42 is neither increased nor decreased.
- The Contractor and the Government do mutually agree that this modification represents the agreement of the parties. The Contractor waives any claim, monetary or otherwise, as a result of this modification.
- Except as specifically provided for in this modification, all other terms and conditions of Contract DAAE07-01-C-S089 as previously modified remain unchanged and in full force and effect.

\*\*\* END OF NARRATIVE A0058 \*\*\*

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
5001AA	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>PRODUCTION QUANTITY</u></p> <p>4</p> <p>PROGRAM YEAR: 5  NOUN: REBS (QTY 4)  PRON: P176K0712T PRON AMD: 01 ACRN: AR  AMS CD: 53152831125</p> <p>NOUN: 5TH PROGRAM YEAR  RAPIDLY EMPLACED BRIDGE SYSTEM IAW  ATPD 2311 and other requirements  herein</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u>  INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>  DOC SUPPL  REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD  001 W56HZW7039S534 Y00000 M 3  DEL REL CD QUANTITY DEL DATE  001 2 30-SEP-2008  002 2 30-OCT-2008</p> <p>FOB POINT: Origin</p> <p>SHIP TO:  (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE  (SHIP-TO) WILL BE FURNISHED PRIOR  TO THE SCHEDULED DELIVERY DATE FOR  ITEMS REQUIRED UNDER THIS  REQUISITION.</p> <p>Unit prices specified under subCLIN 5001AA are  inclusive of unit shipment to an East Coast U.S. Port  to be specified by the Government no later than sixty  (60) days prior to the scheduled unit delivery dates.</p> <p>(End of narrative F001)</p>	4	EA	\$ 421,452.04000	\$ 1,685,808.16

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 GENERAL DESCRIPTION

C.1.1 The Rapidly Emplaced Bridge System (REBS) is a truck or trailer mounted tactical bridge capable of crossing normal Military Load Classification (MLC) 30 and caution MLC 40 Wheeled traffic over unprepared gaps up to 13-meters. The system shall be deployable by no more than two soldiers in 10 minutes or less. The system shall be C-130 aircraft transportable and compatible with the Common Bridge Transporter M1977. The REBS shall be produced in accordance with Section C and the REBS Purchase Description (Attachment 1).

C.2 SYSTEM/PROJECT MANAGEMENT

C.2.1 System Responsibility. The contractor shall have complete system responsibility, including responsibility for resolution of all interface problems related to design, form, fit and function. The contractor is encouraged to use commercial products, processes and practices.

C.2.2 Integrated Product Teams (IPT's)/Integrated Product and Process Development (IPPD). The contractor shall use Integrated Product Teams (IPT's) in the design, test and management phases of this program. These IPT's shall include Government and subcontractor participation. Contractors shall also use Integrated Product and Process Development (IPPD) to insure the full integration of all functional areas in the overall program effort.

C.2.3 Meetings.

C.2.3.1 Integrated Product Team (IPT) Reviews. The contractor shall prepare and present semi-annual IPT reviews. The focus of these reviews shall, as a minimum, be on the efforts of assigned IPT's in the areas of engineering, logistics/publications, quality assurance, safety, test progress, human factors, MANPRINT and production status. The IPT reviews will also focus on the contractor's use of IPPD to integrate the overall effort.

C.2.3.2 Initial IPT. The Government and contractor shall attend an IPT meeting at the contractor's facility within sixty (60) days after the date of contract award. The meeting shall include a discussion of Section C and Purchase Description pertaining to all functional areas. The meeting will also be a forum to finalize IPT assignments and membership.

C.2.4 Data. All data deliverables shall be in Microsoft Office 97 readable format or other mutually agreed format and submitted electronically to the designated Contracting Officers Representative (COR), unless otherwise specified.

C.3 Product Assurance

C.3.1 Quality System Requirement: Higher-level Contract Quality Management, reference Section E clause 52.246-4025.

C.3.2 First Article Test. First Article Test (FAT) includes First Production Unit Inspection (FPUI), Production Verification Test (PVT), and Initial Operational Test and Evaluation (IOT&E). FPUI shall be conducted on the first production unit per the Purchase Description (PD), at the place of manufacture. PVT shall be conducted on two (2) units, per the PD, at Aberdeen Proving Grounds, Aberdeen, MD. PVT shall not begin until successful completion of FPUI. The Initial Operational Test and Evaluation (IOT&E) will require 2 (two) production units, and will be conducted at Ft. Lewis, Washington. The Contractor shall ship all test units to the respective test sites and return them to the contractor's facility for refurbishment.

C.3.2.1 The Contractor shall refurbish the FAT units as required. Refurbishment includes repair and replacement of any worn or damaged parts to bring the REBS to a fully mission capable condition. Refurbishment includes application of all approved corrective actions and engineering changes to bring the REBS to the Approved First Article Configuration. Refurbishment includes complete cleaning and repainting (touch up) of the test articles. Acceptance of any systems delivered prior to completion of First Article Test(FAT) will be conditional. The conditon will be removed once FAT is completed and all changes resulting from FAT are applied.

C.3.2.2 During the FAT, Test Incident Reports (TIRs) will be written by the tester. Each TIR will be "scored" per the Failure Definition/Scoring Criteria to be published. The Contractor shall respond to each TIR with a Failure Analysis and Corrective Action Report (FACAR) per CDRL A001. A final FACAR shall be submitted within the time limits listed below. Submittal requirements are based on the TIR release dates and are expressed in calendar days.

Incident Classification	FACAR Submitted Within
Critical	48 hours
Major	10 days
Minor	30 days
Information	30 Days, only if requested by the government.

Note: The Contractor shall coordinate with the COR for access to TIR databases for the purpose of TIR retrieval.

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C.3.3 Contractor Testing. Prior to FPUI, the contractor shall conduct and report the results of contractor testing per 4.4.5 (Contractor Test) of the REBS Purchase Description. Forty-five (45) days prior to the beginning of contractor testing, the contractor shall submit test plans detailing all aspects of the tests to be performed. (CDRL A002) Upon completion of the tests and thirty (30) days prior to the start of FPUI, the contractor shall submit tests reports (CDRL A003). The Contractor shall provide access for Government Representatives to witness all Contractor test activities. In addition to the contractor testing required by the Purchase Description described above, the contractor will subject one bridge treadway to a life cycle test which simulates repeated crossings until the point of failure is reached. Additionally, the contractor will also conduct a launcher functional test consisting of 50 cycles of the launching procedure.

C.3.4 Certifications. Certification(s) of those items identified in Table IV of the REBS Purchase Description, shall be documented and made available to the government at start of FPUI. Certifications do not release the contractor of 4.2 ("Responsibility for compliance") requirements of the REBS Purchase Description. All certifications acquired by the contractor shall include appropriate supporting documentation such as, but not limited to test data, material analysis, drawings, purchase orders, specifications, etc. All certifications and supporting documentation shall be available for government review. Should particular certifications be not acceptable to the government, the contractor shall conduct additional examinations and tests and/or provide additional documentation as required to verify conformance at no additional cost to the government.

a) The contractor shall acquire a new or updated certification whenever the contractor uses a new contract/buy to acquire a certified product and whenever a change is made in the:

- 1) process used to produce a certified product
- 2) legal requirement for a standard of a certified product
- 3) supplier of a certified product

b) Subcontracting does not relieve the contractor from providing access to all necessary supporting documentation for all certifications to the government.

C.3.5 Product Quality Deficiency Reports (PQDR).

C.3.5.1 The contractor shall investigate and provide failure analysis and corrective action to all Product Quality Deficiency Reports (PQDR), Standard Form 368, generated against supplies produced under this contact. The contractor shall provide a report in accordance with the requirements specified in CDRL A001, of the investigations, probable cause and proposed corrective action. The contractor shall be responsible for all shipping costs associated with exhibits being returned to the contractor's facility for analysis. The contractor shall provide replacement parts for all components determined to be deficient attributable to workmanship/ product non-conformance to contract requirements. Production/field corrective actions shall be accomplished at no additional cost to the Government.

C.3.5.1.1 The contractor shall be provided Government Furnished Equipment during the course of the contract. The contractor shall inspect this GFE to determine both adequate count and condition. Upon detection of deficient GFE, the contractor shall submit a Quality Deficiency Report (QDR), SF 368, (CDRL A001) to the Government Quality Assurance Representative (QAR).

C.3.6 Final Inspection Record (FIR). The Contractor shall prepare a FIR (CDRL A004),(See Clause E-4). The FIR should be organized to reference all examinations, tests, one launch and retrieve cycle and any other task that must be performed on each unit during its manufacture and final inspection. The approved FIR shall be updated to reflect all engineering or manufacturing changes that impact the FIR during the entire contract period. Each update shall require government notification and review. The Contractor shall submit the completed FIR to the Government with each unit offered for acceptance.

C.3.7 Quality Records. All records of inspections, examinations, certifications, tests, supplier audits, and purchase orders, shall be retained by the contractor for a period of four years after contract close out. These records shall be made available to the Government upon request.

C.3.8 Material Review Board (MRB). The Contractor shall establish a MRB, which is responsible for disposition of non-conforming material. In the event that the MRB determines non-conforming material can be repaired or used as is, the designated Government Representative shall be notified for review and approval. Non-conforming material includes changes of vendor, material types, dimensions, properties, or any other item that may affect form, fit or function of the system.

C.3.9 Welding Procedures. The Contractor shall perform all welding required under this contract IAW with the purchase description and as specified in AWS or equivalent standards.

C.3.9.1 Welder Qualification. The Contractor shall certify that the welder/welding equipment have passed qualification tests as prescribed by the following AWS or equivalent Standards:

- (1) AWS D1.1 for Structural Steel

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- (2) AWS D1.2 for Structural Aluminum
- (3) AWS D1.3 for Sheet Metal

C.3.9.2 Workmanship Specimens. Prior to the start of production the Contractor shall validate welding procedures by preparing workmanship specimens per AWS or equivalent. These specimens will be available for Government inspection. If workmanship specimens have been previously qualified under another government contract, the PCO may waive the specimen requirement. The written request for waiver (CDRL A005), shall be submitted, for approval, to the PCO, and the previous contract(s) shall be identified.

C.4 Configuration Management

C.4.1 The configuration of the REBS shall conform to the FAT approved system with incorporated engineering changes per C.4.3.2.

C.4.2 The Contractor shall establish and maintain a Configuration Management Plan for the REBS. All Class I Engineering Change Proposals (ECPs), Requests for Deviation (RFDs), and Requests for Waiver (RFWs) shall be approved by the PCO prior to implementation by the Contractor. The ECPs, RFWs, and RFDs shall be prepared per the contractor's configuration management plan.

C.4.3 Configuration Management, Baseline and Control.

C.4.3.1 Product Configuration Identification (PCI). All drawings and associated documents used to produce the approved First Article shall constitute the approved PCI and be the baseline for future changes.

C.4.3.2 Engineering Changes.

C.4.3.2.1 All proposed changes to the REBS, after FAT, shall be reported to the Government per the process in the Configuration Management Plan.

C.4.3.2.2 Following are the definitions for Class I and II ECPs.

Class I- A change that affects performance, part interchangeability, cost, maintainability, reliability, Integrated Logistic Support, or delivery schedule.

Class II- A change that is editorial in scope and proposed change in documentation only.

C.4.3.3 Class II Engineering Changes - Contractor Requested. These changes shall be submitted per CDRL A005.

C.4.3.3.1 The Contractor will process these actions on the Standard Engineering Change Form attached to DD Form 1692, and forward to the QAR for review and concurrence or non-concurrence of proper classification.

C.4.3.4 Class I Engineering Changes - Contractor Requested.

C.4.3.4.1 Class I Engineering Change shall be submitted per CDRL A005, and shall only be incorporated by notification from the PCO.

C.4.3.4.2 The change proposal must include sufficient information for Government configuration review, and include an ILS, MANPRINT, and a transportability impact statement. The Government may require additional testing for the proposed change at no additional cost to the Government.

C.4.3.4.3 The approved change shall be incorporated by contract modification. In the event the change results in reduced cost to the Contractor, the change may be subject to an equitable reduction in contract price. Cost impact must be fully supported by the contractor, and the Government shall have the right to conduct post-change cost reviews.

C.4.3.4.4 Configuration changes initiated by the Contractor shall not relieve the Contractor of the responsibility to conform to the delivery requirements of this contract.

C.4.3.5 Class I Engineering Changes - Government Directed.

C.4.3.5.1 In the event the Government desires a change in the REBS configuration, the PCO will notify the Contractor through a request for technical and price proposal from the Contractor. It is understood that the engineering cost associated with ECP preparation is allowable and allocable to the ECP.

C.4.3.5.2 Copies of ECPs shall be submitted in the same manner as Contractor requested Class I Engineering Changes. Such changes shall only be incorporated by contract modification from the PCO.

C.4.3.6 Value Engineering Change Proposals (VECPs). The Contractor shall prepare VECPs in the same manner as Class I ECPs.

C.4.3.7 The Contractor shall request a block of TACOM ECP numbers by notification to the COTR. The Contractor shall utilize these

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numbers on an individual basis as a control identifier for ECPs and related Engineering Release Report (ERR). Once an ECP number is assigned to the first submission of a change proposal, that number shall be retained for all subsequent submissions of that change proposal. The Contractor shall maintain records of where and when each ECP number was used.

C.4.3.8      Request for Deviation/Waiver (RFD/RFW).

C.4.3.8.1    Definitions:

DEVIATION: A deviation, which is submitted before commencing production under the contract, is a one-time request for authorization to deviate from a requirement of the Purchase Description. Deviations cover the entire production run under the contract.

WAIVER: A waiver, which is submitted after production of a number of items that do not conform to a requirement of the Purchase Description, is a request that the Government excuse the non-conformance and accept the non-conforming item.

C.4.3.8.2    When deviations or waivers to the REBS purchase Description, or any other contract requirements are considered necessary by the contractor, an RFW or RFD shall be submitted utilizing DD Form 1694 per CDRL A006. The Government reserves the right to seek adequate consideration for approved RFD/RFWs. Request for Waiver/Deviation shall be annotated by the Contractor to reflect actual production affectivity point by REBS serial/registration number and dates, and then submitted to the PCO.

C.5            Transportability. The contractor shall prepare a Transportability Report IAW CDRL A007. Updated reports shall be delivered if changes to the system affect the transportability characteristics of the REBS.

C.6            Fracture Control Plan (FCP). Contractor shall develop a Test Phase FCP to support government test and a Field Guidance FCP as a part of the Technical Manual submission (CDRL A008).

C.6.1          Test Phase. Contractor shall develop a Test Phase Fracture Inspection, Control Plan, and Decision Matrix. This plan shall provide the government with an inspection plan to support REBS PVT. The plan shall include inspection locations, inspection method(s), and decision matrices. The matrix(ices) shall specify when to stop the test, repair, or increase localized monitoring or data recording as a minimum. Equipment required to complete the procedures specified shall be provided by the contractor if the government determines upon review that such equipment is not readily available at the government test facility. PVT will be used to validate the procedures in the Fracture Control Plan

C.6.2          Fielded Equipment. Contractor shall develop a validated Fracture Inspection, Control Plan and Decision Matrix. The plan shall address all findings of the durability test and provide a means for the combat engineer to implement the fracture control plan using equipment organic to the engineer company. The plan shall address all issues raised in PVT related to Fracture. The plan shall provide a validated means for the soldier to inspect, identify, and control fractures. This may include pre- and post- deployment inspections and shall provide a means for making crossing go & no-go decisions in the deployed and stowed configuration. The soldier shall not be required to monitor the bridge during crossings for evaluation. Using the Fracture plan, the 12B combat engineer shall be able to perform the inspection and evaluation of the bridge in 30 minutes. The Fracture Control Plan shall be incorporated into the Technical Manual and address the following:

- (1) Purpose of the Fracture Control Plan.
- (2) Historical knowledge of system/fractures/cracks
- (3) Supporting Data and Required Data
- (4) Fracture Control Plan Inspection locations and methodology (Address stowed and deployed configurations in a field setting)
- (5) Fracture Control Strategy/Method (What to do when a flaw is identified?)
- (6) Readiness Decision Matrix

C.7            Integrated Logistic Support

C.7.1          Integrated Logistics Support (ILS) Program: The contractor shall implement an ILS Program as an integral part of the overall REBS program.

C.7.2          ILS Objectives: The contractor's ILS program objectives are:

- (1) To identify and implement design improvements to improve safety of the system operators and maintainers, improve ease of maintenance (maintainability), and increase reliability.
- (2) To analyze the system design and create the most cost efficient logistics support package and maintenance plan.
- (3) To accurately identify and document all the logistics support resources required to operate and maintain the system.
- (4) To update the Logistics Support Package, to incorporate engineering changes, to include updated vendor information, and correct errors.

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(5) To create and deliver Logistics Support Products to support test and fielding.

C.7.3 Maintenance Planning: The contractor shall analyze the system design and identify all tasks required to operate, service, adjust, repair, transport and store the REBS. The contractor shall recommend allocation of these tasks within the Army's maintenance structure. The contractor may use Army Regulation 750-1 to assist in this analysis. The contractor shall brief the results at the second Logistics IPT. The contractor shall use the approved list of allocated support tasks as the basis for preparing the Technical manual and parts provisioning efforts.

C.7.4 Logistics Demonstration (LD) (Testing the Logistics Support Package): The contractor and the government shall conduct a joint Logistics Demonstration (LD) concurrently with the Technical Manual TM Validation/Verification.(CDRL A010) The contractor shall provide skilled operators and mechanics to actually perform the operations, services, and maintenance tasks during the LD. The contractor shall provide the facilities to support the LD. These facilities shall include an operational area sufficient to perform standard REBS operations, and a shop area equipped with lifting operations and all the tools and diagnostic equipment required to perform all maintenance tasks. The contractor shall supply all technical manuals, consumable supplies, and parts likely to be consumed in performing the LD tasks. The LD will include contractor performance of all the operational tasks required by the system. It will also include multiple performance of all scheduled maintenance tasks. The LD will also include performance of not less than 35% of all non-scheduled maintenance tasks.

C.7.4.1 Objectives:

(1) Review the systems design and identify proposed design improvements to improve maintainability (time or ease to perform maintenance), reduce the need for special tools, and improve safety while operating or maintaining the system. A special emphasis will be placed on reducing time to perform scheduled maintenance. The LD team will document these recommendations in an IPT approved format. The contractor engineering staff shall review each recommendation and provide a response and recommendation to the next system IPT after the completion of the LD.

(2) Record and validate critical logistics data related to the performance of operations, services, and maintenance tasks performed as part of the LD.

C.7.5 System Support Package (SSP) and System Test Support.

C.7.5.1 SSP Support. The contractor shall deliver an SSP for the PVT and IOT&E required by this contract. The contractor shall deliver the SSP with an inventory list to the government test site 45 days prior to the start of Government testing. The SSP shall include whatever the contractor deems necessary to support the testing. At a minimum, it should include, but is not limited to, repair parts, Special Tools, Test Measurement and Diagnostic Equipment (TMDE) and draft equipment publications. The contractor will provide any additional parts required to support test (either parts not included in the SSP or parts included in insufficient quantity) within 48 hours of contractor notification by the government. If any testing requires re-test, then the SSP will be updated, and the updated SSP will be available at the time of re-test.

C.7.5.2 Technical Test Support. The contractor shall provide technical support and maintenance services to the test site. This technical support shall include advice on maintenance, operations and parts. The contractor shall perform all maintenance required beyond maintenance tasks assigned to the Unit level (Organizational Maintenance).

C.8 Technical Publications. One complete manual set shall be provided with each REBS. A set of manuals shall include an Operator's manual, a Maintenance manual and an Illustrated Parts manual. These manuals shall be prepared using a Contractor content, Government format. (CDRL A008).

C.8.1 Technical Manual Configuration: Contractor shall ensure that the Final Draft Equipment Publication (FDEP) delivered under this contract is consistent with the Government-approved equipment configuration resulting from final technical and user testing. Technical manual data that changes as a result of test impact must be validated prior to FDEP delivery.

C.8.2 Technical Manual (TM) Number: The TM Number for the REBS publication shall be furnished at the initial IPT meeting. (Example: Operator Unit/DS Maintenance and Repair Parts and Special Tools Manual TM 5-5420-XXX-14P).

C.8.3 Technical Manual Delivery: The contractor shall deliver a reproducible set of manuals to the government as specified in CDRL (A008). In addition, the contractor shall provide one set of editable Microsoft Office 97 compatible files and one separate CD-ROM for each manual being delivered under this contract. The electronic files shall be identical to the final hard copy manuals being delivered under this contract.

C.8.4 Maintenance Instructions. The maintenance manual shall contain all information required to effectively maintain a REBS in a fully operational/mission capable status at all levels of maintenance. Stand alone maintenance tasks will be identified when an assembly, subassembly, component or repair piece part can be removed, repaired, and installed using the common and/or special tools identified through the TM validation/verification process.



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C.8.5      Combined Validation/Verification. The combined validation/verification is defined as a contractor function to be witnessed by the Government at the contractor's facility as part of the LD (C.7.5). The contractor is responsible for conducting a 100% edit prior to delivery of final TMs. Based on the results of the initial TM validation/verification, the Government reserves the right to require additional hands-on task performance of selected operation and maintenance procedures to determine TM accuracy. The contractor is responsible for all hands-on validation efforts. The contractor will incorporate all comments resulting from TM validation/verification/testing prior to submission of the final TM.

C.9      Parts Documentation Program

C.9.1      Parts Documentation

C.9.1.1      The contractor shall provide Logistics Management Information (LMI) and a Data Products/Provisioning Parts List (PPL), Attachment A (CDRL A009). For guidance see MIL-STD-1388-2B, LSA-036 summary)

C.9.1.2      The contractor shall maintain provisioning data for the REBS in the Provisioning Master Record (PMR). After the REBS PMR is established, the contractor shall add or change data to include the most recent production configurations and parts information changes. The contractor shall prepare and deliver updated LMI data products. The contractor shall use PPL-LSA-036 Report format for all items during Provisioning reviews.

C.9.1.3      Logistics Management Information Summaries/ Pre-Procurement Screening:, (CDRL A010). The contractor shall conduct pre-procurement screening for all items to be provisioned. Drawings are not required for items that have a National Stock Number (NSN).

C.9.1.4      The contractor shall provide the following at each provisioning review/ conference:

- (1) Two hard copies of the LMI Data Product.
- (2) One drawing for each part listed on the LMI Data Product Report that does not have an NSN.
- (3) A copy of the Pre-Procurement screening results
- (4) A copy of each installation or assembly drawing within which the part appears.

C.9.2      Contractor Data Assurance: The contractor shall insure that all submitted LMI Data Products are compatible with the government Commodity Command Standard System (CCSS)/ Provisioning On Line System (POLS), ADSM-18-LEA-JBE-ZZZ-UM-06. The data shall be capable of being loaded into the government PMR without any modification.

C.9.3.      The contractor shall maintain and continuously update the data file with the Provisioning Technical Documentation (PTD) Reports (X40CXX6034R) provided by the government on a periodic basis. These reports will contain part number changes, failure factor changes, source/maintenance and recoverability code changes and/or deletions throughout the contract. The contractor shall correct rejects within 30 days of notification.

C.9.4      Logistics Management Information Products/ Supplementary Provisioning Technical Documentation (SPTD)/ Drawings (CDRL A011). The contractor shall have available at each provisioning review one hard copy SPTD/drawing for each item to be reviewed on the PPL. After approving each drawing as being suitable for NSN assignment, the drawings shall be submitted on a CD in Adobe Acrobat format. Drawings shall be delivered with each increment of the PPL, be in English, and contain approved vendor Commercial and Government Entity (CAGE) codes with an authorized signature and date. Substitutes for drawings will be considered on a case-by-case basis.

C.10      Contractor Technical Assistance Options.

C.10.1      The contractor shall provide Technical Assistance under each Program Year option for up to 60 mandays, a total of up to three hundred (300) man-days of Technical Assistance over the five program years. The technical assistance may include, operation, inspection, maintenance, repair, engineering, deprocessing and contractor parts support for the REBS. Such representatives shall be thoroughly experienced and qualified to perform the technical assistance required. Contractor Technical assistance will be provided through separately priced Options (CLINS 1100, 2100,3100,4100 and 5100). The unit prices set for the Field Service Representative man-days are exclusive of transportation costs, subsistence lodging and incidental expenses which shall be evaluated and paid separately based on each call up of this option. The Joint Travel Regulation will be used for computation and payment of these expenses. A trip report shall be provided for each trip under an option. The contractor's Technical Assistance Option trip report shall be submitted with their voucher for payment within 15 days of completion of the technical assistance assignment.

C.10.2      The contractor shall provide birth certificates, social security numbers, or other data requested by the Installation or area command where the services are to be performed. The contractor shall request approval of the representative(s) who are to perform the services. Government approval will include granting or denying security clearance for the person(s) named.

C.10.3      The Contracting Officer shall provide at least ten days notice prior to the technical representative support start date. This notice will include the date and times representatives are required, the installation where the assistance is required, and the

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services that shall be performed. The contracting officer will not supervise the technical representative.

C.10.4 Man-days of Service Definition: A man-day of service includes all government delays, travel time (all inclusive), and report preparation completed at the duty location. In addition to payment for actual days worked, the government will pay for official U.S. holidays if it is necessary for the representative to be present on those days to complete the technical assistance assignment. The granting of vacation time off, holidays other than official US holidays, sick and emergency leave is solely the responsibility of the contractor and shall not be paid for by the Government under the terms of this option. It is immaterial whether the same representative completes an assignment, but the government will not pay additional travel costs or time if the contractor decides to rotate personnel during the course of an assignment.

C.10.5 Invoices for reimbursement for services rendered shall carry the contractor's certification of actual man-days of service performed. The invoices shall be forwarded to the contracting officer for verification of required payment.

C.11 Training Requirements.

C.11.1 General. The contractor shall provide facilities, instruction, equipment, instructor(s), tools (special and common), safety equipment, Environmental Protection Agency (EPA) spill kits, and technical-training courses as required for the REBS. Training shall be an integral part of REBS ILS IPT. The training objective within these meetings will be to track and review the status of contractor developed training materials.

C.11.2 Training Courses. The contractor shall develop two training courses: Operation and Maintenance (Unit and Direct Support (DS)). All training courses shall be stand-alone courses and structured to provide students with at least 70% hands-on training. The first increment of training for the REBS will be Tester Training (TT) for both technical (PVT) and operational (IOT&E) testing. The contractor will conduct one Operator class and one Maintenance class to support each test. The next increment of training for the REBS will be for Instructor and Key Personnel Training (I&KPT). I&KPT shall be conducted by the contractor and consist of one Operator class and one Maintenance class for the REBS.

The contractor shall provide the following classes:

SYSTEM	NO. OF CLASSES	TYPE OF COURSE (CLASS)	EVENT	LOCATION
REBS	TWO	OPERATOR/OPERATION		One at each test site
REBS	TWO	UNIT/DS MAINTENANCE		One at each test site
REBS	ONE	OPERATOR/OPERATION	I&KPT	CTR site
REBS	ONE	UNIT/DS MAINTENANCE	I&KPT	CTR site

The following classes are Optional for each Program Years 2 through 5 and may be exercised by the Government. These classes can be called up one at a time.

REBS	THREE	OPERATOR/OPERATION	NET	TBD
REBS	THREE	UNIT/DS MAINTENANCE	NET	TBD

C.11.3 Training Materials, Format, Media, Deliveries. The contractor shall provide stand-alone training materials for each course. The training package shall contain the Training Course Outline, Instructor Training Guide, Student Training Guide, and Media package for the Operator/Operational course and the Unit/DS Maintenance course of instruction (CDRL A012). The contractor shall provide the material in both hard copy and electronic digital format. The contractor shall prepare and deliver two draft training packages per course for review and approval by the Government, 90 days prior to start of TT, 90 days prior to start of I&KPT, and 90 days prior to First Unit Equipped (FUE) for NET. The Government will review and return the training packages within 30 days of receipt. Updated approved training packages shall be delivered to the Government 30 days prior to TT, and I&KPT. A final approved training package shall be delivered 30 days prior to NET(3ea.). Visual aids shall be used to enhance training and may consist of, but are not limited to, videos, slides, transparencies, wall charts, schematics, illustrations, pictures, drawings, components, and cutaways of components.

C.11.4 Training Courses. The contractor shall perform training courses at each test site at least seven days prior to the start of each test. The contractor shall perform I&KP training no more than 120 days prior to FUE. Each student in attendance shall receive a hard copy of the training materials. The contractor shall provide two instructors per Operator and Maintenance class. The Operation/Operator courses shall not exceed 40 hours with a maximum of 16 students per class. The Unit/DS Maintenance courses shall not exceed 80 hours with a maximum of 12 students per class.

C.11.5 New Equipment Training (NET) Options. The contractor will provide NET for system fieldings at up to eight locations. All courses will be conducted at a designated Government facility. The contractor will be reimbursed for travel expenses separately (see C.10.1). The Government NET Manager or his representative will evaluate and approve contractor instructors prior to NET. The contractor shall develop a letter of support requirements for the gaining Unit, outlining items necessary to support both courses. The NET classes shall be the same in size, length, materials provided, and number of students, as the other classes provided under this contract.

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C.12      Warranty. Any commercial warranties provided to the contractor shall be passed through to the government. The contractor shall act as an intermediary between the end user and the warranty contractor to execute the warranty coverage.

The basic REBS Systemic warranty shall be effective for 12 months after initial hand-off to the gaining unit and/or up to 18 months, maximum, after initial DD 250 acceptance. This warranty covers all deficiencies inherent in EWK supplied components that are due to faulty material and/or inadequate workmanship.

C.13      System Safety. The contractor shall develop and maintain a System Safety Program that includes government representation in the form of a System Safety Working Group (SSWG). The SSWG will meet semi-annually.

C.13.1      Safety Engineering. The contractor shall implement safety-engineering principles in the system design. System design and operational procedures developed by the contractor shall include:

- (1) Identifying hazards associated with the system through safety analyses and hazard evaluations.
- (2) Eliminating or reducing significant hazards through design or material selection.
- (3) Controlling or minimizing hazards to personnel that cannot be avoided or eliminated.
- (4) Locating equipment components and controls to minimize hazards to personnel. Protective devices shall not impair operational functions.
- (5) Ensure that suitable warning and caution notes are included on hazardous components of equipment.
- (6) Insuring that safety is considered for both operational and maintenance phases of the system.

C.13.1.2      Hazard Identification. The contractor shall provide information concerning identified hazards to the Government so they can be entered into the Government Hazard Tracking System. As a minimum, the information provided shall include a description of each hazard (including cause, possible effect and hazard category), the status of each hazard, and the contractor's proposed corrective action. Hazard information will be submitted in accordance with the CDRL (A013) C.13.1.3 Safety Assessment Report (SAR). As a result of the safety analyses, hazard evaluations, and any independent contractor testing, the contractor shall prepare a Safety Assessment Report. The safety assessment shall identify all safety features of the hardware, software, system design and inherent hazards and shall establish special procedures and/or precautions to be observed by Government test agencies and system users. The SAR will be prepared in accordance with (CDRL A013).

C.13.2.      Radioactive Material. Radioactive material will not be utilized in the equipment supplied to the Government under this contract.

C.13.3.      Health Hazard Assessment (HHA). The contractor shall prepare a Health Hazard Assessment Report for the REBS. This report shall identify health hazards and make recommendations concerning engineering controls, equipment, and/or protective procedures, to reduce the associated acceptable risk. Issues to be addressed within the report shall include but not be limited to noise, toxic gases, toxic chemicals, ionizing or non-ionizing radiation, heat and cold, shock and vibration to crewmembers, and chemicals identified in the Materiel Safety Data Sheets to be provided in the SAR (DI-SAFT-80102). The format of the HHA shall be in accordance with (CDRL A013).

C.14      Manpower and Personnel Integration (MANPRINT). The contractor shall establish and execute a MANPRINT program to ensure the integration of all seven MANPRINT domains (manpower, personnel, training, human factors engineering, system safety, health hazards, and soldier survivability) in the design process. MANPRINT related design changes, accomplishments, and crew performance validations shall be addressed at appropriate IPT meetings.

C.14.1      Manpower and Personnel. The contractor shall perform manpower and personnel analyses to ensure that crew and maintainer Military Occupational Specialty (MOS) skills and capabilities remain at or below those required of a 12B Combat Engineer MOS.

C.14.3      Human Factors Engineering (HFE). Any proposed modification made to the REBS must be reviewed to ensure that the soldier-machine interface (SMI) is not compromised for effective operation and maintenance by full range of user personnel (5th percentile female through 95th percentile male) while they are wearing the full range of protective clothing (including arctic and Mission Oriented Protective Posture (MOPP) IV).

C.14.4      Soldier Survivability. The contractor shall evaluate soldier survivability related concerns (including the potential for fratricide, detectability, soldier fatigue and injury) for consideration in the design process.

C.15      Remaining Bridge Life. A method of determining remaining bridge life shall be developed for the REBS. The determination method shall be included in the manuals provided with each REBS.

C.16      Pollution Prevention Program/Hazardous Materials Management Program (PPP/HMMP). The contractor shall establish, implement and maintain a Hazardous Materials Management Program as described in National Aerospace Standard 411, "Hazardous Materials Management

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Program". The purpose of this program is to eliminate or minimize (where elimination is not possible) hazardous and environmentally unacceptable materials throughout the life cycle of the system to ensure protection of human health and the environment. The contractor shall prepare a Hazardous Materials Management Plan which, at a minimum, shall identify and describe the organizational relationships and responsibilities for eliminating hazardous materials, define the process used to identify the hazardous materials utilized in the manufacturing process, and establish prioritization criteria for ranking the relative risks of these hazardous materials. This plan shall be made available for review upon request of the Government.

C.16.1 Hazardous Materials Management Report. The contractor shall prepare Hazardous Materials Management Reports which, at a minimum, shall identify all hazardous materials required for system production, a listing of prioritized hazardous materials for minimization/elimination per the criteria established in the Hazardous Materials Management Plan, and identify those hazardous materials/processes for which non-hazardous substitute materials/technologies may be available for implementation. This report shall be made available for review upon request of the Government and shall be briefed as part of program review meetings conducted between the contractor and the Government.

C.17 Manufacturing Standard. After successful completion of FPUI, per C.3.2, REBS production unit Number 7 shall be used as the manufacturing standard. The manufacturing standard system shall be submitted as the last units of their respective types to be delivered under the contract. All configuration changes which take effect after FPUI shall be made to the manufacturing standard system so that they will be representative of the current configuration, reflecting the Configuration Baseline described in C.4.3, throughout the life of the contract.

C.18 REBS Winch Requirements. The contractor shall provide a winch for the REBS to be used for launching and retrieval of the REBS. The winch shall have a single speed of operation with constant pulling force and line speed. The winch shall consist of two modules, the winch and the storage drum. The storage drum for the winch will not require any spooling mechanism to store the winch cable. The winch shall be equipped with a remote control unit for ease of operation by the soldier. The contractor shall present his proposed solution for the winch no later than 15 March 03 for Government approval.

C.19 Information needed to obtain the NATO MCRL program discs are as follows:

Website: [www.dlis.dla.mil](http://www.dlis.dla.mil)

Instruction for Email subscription:

Input at Search prompt: NATO MCRL (Lower/Upper case OK) and CLICK GO  
Click: 1 NATO Data  
Click: NATO Master Cross Reference List  
Click: NATO MCRL OTAN CD  
Click: Subscription Form

Address: NATO Maintenance and Supply Agency  
Codification Services Branch (LZ-C)  
L-8302 CAPELLEN  
Grand Duchy of Luxembourg  
Fax: + (352) 3063-4748  
Tel: + (352) 3063-6748

HELP DESK: Tel: +1 (970) 225-8253  
Fax: +1 (970) 226-3464  
Email: [NMCRL@optimus-corp.com](mailto:NMCRL@optimus-corp.com)

C.20 REB SMART Book Scope of Work

Estimate SMART Book will contain approximately 95 Pages.

Synoptic Outline of SMART Book contents is submitted as part of this estimate for review and concurrence before assembling information.

Draft SMART Book will be provided to the government for review 90 days after receipt of funding.

Government will conduct a 30-day review of the draft SMART Book.

The Final Draft, reproducible, SMART Book will be delivered 30 days after receipt of government review comments.

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DRAFT SYNOPTIC OUTLINE FOR REB SMART BOOK - 1/5/04

<u>CONTENTS</u>	<u>NO. OF PAGES</u>
Introduction	1
 CHAPTER 1 - GENERAL INFORMATION	
Table of Contents	2
Equipment Data	6
Loading and Movement	2
Shipment and Storage	2
 CHAPTER 2 - OPERATING INSTRUCTIONS	
Operators Controls, Common Bridge Transporter (CBT)	2
Operators Controls, Pallet	3
Operators Controls, Bridge	1
Hand Signals	1
REB Equipment Checklist	1
Location of BII and AAL Items	2
 CHAPTER 3 - OPERATION UNDER USUAL CONDITIONS	
Site Requirements	8
Loading/Unloading Pallet	2
Transloading Pallet to and from PLS trailer	4
Transport of Pallet on Ground	2
Launch of Bridge Guidelines	8
Bridge Deployment by Helicopter	2
Bridge Anchorage	2
Bridge Crossing Requirements	4
Bridge Recovery by Helicopter	2
Bridge Retrieval Guidelines	8
 CHAPTER 4 - OPERATION UNDER UNUSUAL CONDITIONS	
Operation in Unusual Weather	1
Retrieval of Mired Bridge	1
Operation of APU for Bridge Launch or Retrieval	3
Transfer of Residual Hydraulic Oil to CBT	2
Charging Pallet Batteries using CBT	1
Procedures for Manually Loading/Unloading Pallet	6
Operation of Special Purpose Kits	1
 CHAPTER 5 - OPERATOR MAINTENANCE INSTRUCTIONS	
Service upon Receipt	1
PMCS for CBT, Pallet, and Bridge	2
General Maintenance	1
Lubrication Chart	2
Troubleshooting	1
 CHAPTER 6 - SUPPORTING INFORMATION	
References	1
Acronym and Abbreviation List	2
Basic Issue Items (BII) List	2
Notes	3
	<u>Total Estimated Pages</u>
	95

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\*\*\* DELETED NARRATIVE C0005 \*\*\*

\*\*\* DELETED NARRATIVE C0006 \*\*\*

\*\*\* DELETED NARRATIVE C0007 \*\*\*

\*\*\* DELETED NARRATIVE C0008 \*\*\*

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SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 CANCELLATION CEILINGS AND PROGRAM YEAR DEFINITIONS

H.1.1 Pursuant to FAR 52.217-2, CANCELLATION UNDER MULTI-YEAR CONTRACTS, the Contractor shall be paid a cancellation charge not to exceed the percentage shown below in the event the Program Year(s) after the first Program Year is (are) cancelled.

PROGRAM YEAR(S) CANCELLED	PERCENTAGE OF TOTAL ORIGINAL MULTI-YEAR CONTRACT PRICE (EXCLUDING OPTIONS)
2-5	24%
3-5	19%
4-5	13%
5	6%

H.1.2 Program Year Definitions:

- First Program Year: Date of Award through the 365th day following award.
- Second Program Year: The 366th through the 730th day after award.
- Third Program Year: The 731st through the 1095th day after award.
- Fourth Program Year: Call up no later than 30 Jun 07 and performance completed by 30 Aug 08.
- Fifth Program Year: Call up no later than 30 Jun 07 and performance completed by 30 Oct 08.

H.2 AVAILABILITY OF FUNDS- FUNDING SCHEDULE

H.2.1 Pursuant to H.3, entitled "Limitation of Price and Contractor Obligation", funds are available for the performance of this contract in the following amount(s):

- FIRST PROGRAM YEAR: \$3,354,897.37
- SECOND PROGRAM YEAR: \$2,272,348.70
- THIRD PROGRAM YEAR: \$7,813,479.03
- FOURTH PROGRAM YEAR: \$1,682,064.16
- FIFTH PROGRAM YEAR: \$1,685,808.16

H.2.2 If the Second Program Year is not cancelled, and unless a later period is agreed to by the parties, the Contracting Officer shall notify the Contractor in writing of an increase in the amount set forth in Paragraph H.2.1 sufficient for performance of the full hardware requirements for the Second Program Year. This increase will be provided by contract modification within 695 days after contract award.

H.2.3 If the Third Program Year is not cancelled, and unless a later period is agreed to by the parties, the Contracting Officer shall notify the Contractor in writing of an increase in the amount set forth in Paragraph H.2.1 sufficient for performance of the full hardware requirements for the Third Program Year. This increase will be provided by contract modification within 1060 days after contract award.

H.2.4 If the Fourth Program Year is not cancelled, and unless a later period is agreed to by the parties, the Contracting Officer shall notify the Contractor in writing of an increase in the amount set forth in Paragraph H.2.1 sufficient for performance of the full hardware requirements for the Fourth Program Year. This increase will be provided by contract modification no later than 30 Jun 07.

H.2.5 If the Fifth Program Year is not cancelled, and unless a later period is agreed to by the parties, the Contracting Officer shall notify the Contractor in writing of an increase in the amount set forth in Paragraph H.2.1 sufficient for performance of the full hardware requirements for the Fifth Program Year. This increase will be provided by contract modification no later than 30 Jun 07.

H.3 LIMITATION OF PRICE AND CONTRACTOR OBLIGATION

H.3.1 Funds available for performance are described at Paragraph H.2. The amount of funds available at award is not considered

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sufficient for the performance required for any program year other than the First Program Year. When additional funds are available for the full requirements of the next succeeding program year, the Contracting Officer shall, not later than the date specified in the Schedule (unless a later date is agreed to), so notify the Contractor in writing. The Contracting Officer shall also modify the amount of funds described in the Schedule as available for contract performance. This procedure shall apply for each successive program year.

H.3.2 The Government is not obligated to the Contractor for any amount over that described in the Schedule as available for contract performance.

H.3.3 The Contractor is not obligated to incur costs for the performance required for any program year after the first until written notification is received from the Contracting Officer of an increase in the availability of funds. If so notified, the Contractor's obligation shall increase only to the extent contract performance is required for the additional CLINs for which funds are made available.

H.3.4 If this contract is terminated under the "Termination for Convenience of the Government" clause, "total contract price" in that clause means the amount available for performance of this contract, as in Paragraph H.2.1 above, plus the amount established as the cancellation ceiling (H.1). "Work under the contract" in that clause, means the work under program year requirements for which funds have been made available. If the contract is terminated for default, the Government's rights under this contract shall apply to the entire multiyear requirements.

H.3.5 Notification to the Contractor of an increase or decrease in the funds available for performance of this contract under another clause, i.e., and "Option" or "Changes" clause shall not constitute the notification contemplated by Paragraph H.3.1, above.

H.4 OPTIONS TO INCREASE RAPIDLY EMPLACED BRIDGE SYSTEM (REBS)

H.4.1 The Government may exercise options for additional quantities of RAPIDLY EMPLACED BRIDGE SYSTEM (REBS) at the prices identified in Section B. The total option quantity available for the five program years is 22 each. The unit price for the option is governed by the program year in which it is exercised. The contract option periods allowing the Government to order additional REBS units under subCLINs 4001AB and 5001AB are valid for exercise until 15 Nov 07. The Contracting Officer may exercise the options in one or more increments, subject to the stated total quantity limitations. Options shall be exercised by bilateral contract modification; the modification shall also contain the delivery schedule for the option quantities.

H.4.2 The unit prices for option quantities set forth in Section B exclude all non-recurring costs required for (and amortized over) the basic multi-year requirements.

H.4.3 Delivery of option quantities shall be negotiated prior to option exercise but shall not exceed 100% of the scheduled basic quantity monthly delivery, unless otherwise agreed to by the Contractor.

H.7 GOVERNMENT FURNISHED PROPERTY

H.7.1 The Government will furnish the following property to the contractor after contract award.

- 1 ea Common Bridge Transporter w/winch NSN: 2320-01-443-8023
- 1 ea Palletised Loading System (PLS) trailer NSN: 2330-01-303-5197
- 1 ea Bridge Adapter Pallet NSN: 3990-01-442-1939

H.8 NOTATION OF EXCHANGE RATE

The fixed exchange rate used in preparation of RFP DAAE07-01-R-S025, subsequently awarded as DAAE07-01-C-S089, is 1.95583 DEM which is equal to 1 EURO. If you divide the rate of DEM for dollars used in the contract award (DEM 1.96) by the fixed exchange rate of EURO to DEM, you get a EURO at a dollar rate of EURO 1.002=\$1.00. This notation is only beneficial for auditing purposes.

\*\*\* END OF NARRATIVE H0001 \*\*\*